Appendix A **Site Assessment Data Sheets**

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment: 0	8/21/2007			
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia	
	i di Caranta	first name)	(Last name)	(first name)
Site Location: Placer Coo (County, Gen	unty Combie Op	hir 4 Canal	at Awood Rd.)
The state of the s				
ATTACH A M	San from		e ji je je je je je kaleba ji je je	ons)
Proposed project name: Mor Brief description of proposed construct a new water pipelin through the Combie Ophir 4 water pipeline will be construct water pipeline is 3,500 linear roadways including Vista Ro gravel road will be construct	d action: The Nevada he that will be used to Canal which has ver- ucted of 30-inch dian r feet. The water pipe oble Drive and Mount ted over the water pip	a Irrigation Distriction of the convey irrigation of the convey irrigat	oret (NID) is proportion water that currently for ditch maintenant approximate total ated along private Along the private and maintenance.	ently flows ance: The length of the parcels and parcels, a
" Moral Cod Pro- To	Sold of the Sold o			
1) Is this site within the curr	rent or historic range	of the CRF (circ	ele one)?(YES) N	10
2) Are there known records If yes, attach a list of all 1	of CRF within 1.6 kr known CRF records with	m (1 mi) of the s a map showing all	ite (circle one)?	YES NO
	QUATIC HABIT			
	streams are within the propo	sed action area, fill o	ut one data sheet for ea	ch)
POND: NA Size:		Maxi	mum depth:	
	nt, overhanging, dom	inant species:		
	/			
Substrate:				

TREAM:
Bank full width: ————————————————————————————————————
Depth at bank full: 2 feet
Stream gradient:
Are there pools (circle one)? YES NO
Size of stream pools: Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other: <u>Run and riffle</u> .
Vegetation: emergent, overhanging, dominant species: <u>Aquatic grasses at top</u> of bank, overhanging Himalayan black berry, and Arroyo willow, and overstory of white alder. Substrate: Medium rock and gravel.
Bank description: Aquatic graces at top of bonk nearest water, non-native upland grasses and forts along remainder of west bank, and riparian these and Shrubs along eastern bank,
erennial or Ephemeral (circle one). If ephemeral, date it goes dry:
ther aquatic habitat characteristics, species observations, drawings, or comments: Canal Contained fast flowing water during site assesment. Canal is located in rural residential area with pateles of oak woodlen About 1,000 feet southwest of this location the Canal woodlen Danks consist of bare ground.
banks consist of bare ground.
e . Makan
Photo = #10

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Date of Site Assessment: 08/21/20	007		
Site Assessment Biologists: Hitch	ncock, Erin	Camp, Julia	
(Last n	name) (first name	(Last name)	(first name)
Site Location: Placer Con (County, General loc	nty Private cation hame, UTM Coord	Ditch in Pr linates or Lat./Long. or T-R-	oject Are
ATTACH A MAP (in	nclude habitat types, impo	rtant features, and species loca	tions)
Proposed project name: Mount Ver Brief description of proposed action construct a new water pipeline that through the Combie Ophir 4 Canal water pipeline will be constructed of water pipeline is 3,500 linear feet. roadways including Vista Roble Dr gravel road will be constructed over	n: The Nevada Irrigat will be used to conve which has very limite of 30-inch diameter pi The water pipeline wirve and Mount Verno	y irrigation water that cur d access for ditch mainter pe. The approximate tota ill be located along privat n Road. Along the private	rently flows nance. The I length of the e parcels and parcels, a
1) Is this site within the current or	historic range of the (CRF (circle one)?(YES)	NO
2) Are there known records of CR. If yes, attach a list of all known C			YES NO
GENERAL AOUA	ТІС НАВІТАТ С	HARACTERIZATI	ON
		a area, fill out one data sheet for e	
POND: Size:		Maximum depth:	
Vegetation: emergent, over	rhanging, dominant sp	pecies:	
Substrate:			
		it goes dry	

STREAM: Bank full width: 4-5 Depth at bank full: 2-3
Stream gradient:
Characterize non-pool habitat: run, riffle, glide, other: Glide, slow to still
Vegetation: emergent, overhanging, dominant species: Emergent agrafic grasses, werhanging black berry
Substrate: Silty Clay
Bank description: moderately sloped down to bed + aquatic + upland species a long bank
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments: Tree frog juveniles + tad poles observed.
Most of ditch on private property.
Uplands-mixed oak pive woodland, non-native annual grasslands, + reval residences.
Photos 21+22

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment:	08/21/2007	•		
Site Assessment Biologist	s: Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Place County, G	unty Branch lot eneral location name,	Combic Opt UTM Coordinat	es or Lat./Long. or T-R	el and Olympic (S).
ATTACH A	MAP (include habita	t types, important	features, and species local	itions)
Brief description of propose construct a new water pipe through the Combie Ophir water pipeline will be conswater pipeline is 3,500 line roadways including Vista gravel road will be constru	eline that will be use 4 Canal which has structed of 30-inch of ear feet. The water Roble Drive and Mo	ed to convey in very limited ac diameter pipe. pipeline will b ount Vernon Ro	igation water that cu cess for ditch mainte The approximate tot e located along privation. Along the private	rently flows nance. The al length of the e parcels and e parcels, a
1) Is this site within the co	urrent or historic ran	nge of the CRF	(circle one)?(YES)	NO
2) Are there known record If yes, attach a list of a	ds of CRF within 1.	6 km (1 mi) of with a map showin	the site (circle one)?	YES NO
			ARACTERIZAT	
	or streams are within the p	proposed action area	a, fill out one data sheet for	each)
POND: <i>VA</i> Size:		1	Maximum depth:	
Vegetation: emerg	gent, overhanging, c	lominant specie	es:	
Substrate:				
			- · · · · · · · · · · · · · · · · · · ·	

STREAM:
Bank full width: 3-4 feet
Depth at bank full: 1-2 feet
Stream gradient: < 1 %
Are there pools (circle one)? YES (NO)
If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species: <u>Aquatic grasses in</u> Channel and along top of bank slope.
The state of the s
Substrate: Bottom of Channel Covered with vegetation Silt/clay
Bank description: Moduately Stoned, Covered in aquatic grasces, and
Bank description: Moduately Stoped, Covered in aquatic grasces, and contains large Chunch of Cottonwoods and willows at northern-
most parties and saffered cottonwoods and willows along the more southing
PUT10:15
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry: Dry on August 21, 2007
J
Other aquatic habitat characteristics, species observations, drawings, or comments:
Conal branch flows into a large inaccessible private pond
Comment of Advanced Ponel
located north of Atwood Road.
111 les am norting amongal avasslands residences
Uplants - non-varior
Uplands = non-vative annual grasslands, residences + businesses, + pasture
·
Ohato = #11

- All field notes and other supporting documents
 Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed by	(date)	(biologist)	2000 1 44 1
Date of Site Assessment: 08/21/2007			
Site Assessment Biologists: Hitchcock, Erin		Camp, Julia	
(Last name) Branch 2	(first name)	(Last name)	(first name)
Site Location: Placer County, Combic Co (County, General location name, U	TM Coordinates or L	at./Long. or T-R-S).	
Proposed project name: Mount Vernon Siphon Brief description of proposed action: The Neva construct a new water pipeline that will be used through the Combie Ophir 4 Canal which has vewater pipeline will be constructed of 30-inch diswater pipeline is 3,500 linear feet. The water piroadways including Vista Roble Drive and Mougravel road will be constructed over the water p	da Irrigation Districto convey irrigation to convey irrigation or limited access from the appeline will be located int Vernon Road. Appeline for access a	ct (NID) is proposing water that currently or ditch maintenant pproximate total letted along private parties the private parties.	atly flows ace. The ength of the arcels and
promotion personal trademas from the source.	As I was	in the second of	
1) Is this site within the current or historic rang	e of the CRF (circle	e one)?YES NO))
2) Are there known records of CRF within 1.6. If yes, attach a list of all known CRF records within 1.6.			es NO
GENERAL AQUATIC HAB			
POND: NA Size:		num depth:	
Vegetation: emergent, overhanging, don	ninant species:		
Substrate:			
Perennial or Ephemeral (circle one). If epheme	eral, date it goes dry	/:	

STREAM: Bank full width: 4 feet	
Depth at bank full: Zfeet	
Stream gradient: $\angle / ?_c $	
Are there pools (circle one)? YES NO If yes,	
Size of stream pools: Maximum depth of stream pools:	
waxiiidii depiii oi sucaii pools.	
Characterize non-pool habitat: run, riffle, glide, other:	
Vegetation: emergent, overhanging, dominant species: <u>Emergent aquation</u> <u>Plants present in Channel.</u>	
Substrate: Nedium rock and gravel.	
Bank description: Modrately Sloped, Sovered in upland grass and forbs.	<u>(</u>
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:	
Other aquatic habitat characteristics, species observations, drawings, or comments: Canal 10 Cated in Communical development area along	,
paved road,	
Construction occurring near channel,	
Uplands - non-vative annual grasslands & large parking lots + businesses.	je
Photos = #s 12 and 13	

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed by (FWS Field Office)	(date)	(biologist)	
Date of Site Assessment: 08/21/2007 Site Assessment Biologists: Hitchcock, Erin		Camp, Julia	
(County, General location name, **ATTACH A MAP (include habitat		,	(first name)
Proposed project name: Mount Vernon Siphon Brief description of proposed action: The New construct a new water pipeline that will be use through the Combie Ophir 4 Canal which has water pipeline will be constructed of 30-inch owater pipeline is 3,500 linear feet. The water roadways including Vista Roble Drive and Mogravel road will be constructed over the water	vada Irrigation of to convey irrow limited action of the convey irrow limited action of the control of the cont	rigation water that current ecess for ditch maintenant. The approximate total lesse located along private particular private particular particu	tly flows ce. The ength of the arcels and
1) Is this site within the current or historic ran	nge of the CRF	(circle one)? YES NO)
2) Are there known records of CRF within 1.0 If yes, attach a list of all known CRF records v			ES NO
GENERAL AQUATIC HAI (if multiple ponds or streams are within the p.			
POND: Size:		Maximum depth:	
Vegetation: emergent, overhanging, d	ominant specie	es:	
Substrate:			
Perennial or Ephemeral (circle one). If ephen	neral, date it g	oes dry:	, , , , , , , , , , , , , , , , , , , ,

STREAM:
Bank full width: 2-3 feet Depth at bank full: 1 foot
Stream gradient: 4.76
Are there pools (circle one)? (YES) NO If yes,
Size of stream pools: 150 x5 Feet Maximum depth of stream pools: 1 foot
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species: <u>Cottail</u> , <u>Himalay on blackburry</u> , <u>Aquatic grasses</u> , <u>Cotton woods</u> , and Arroyo willow.
Substrate: Rock and Clay soil
Bank description: Covered in Himalayan block-burry and aquatic grasses
Perennial of Ephemeral circle one). If ephemeral, date it goes dry: Probably Suptember or Octobe
Other aquatic habitat characteristics, species observations, drawings, or comments:
Drainage rins along Atunal + consses under
est of Paral Abuxag in to low spot to south
+ barely visible from road on private property
Drainage runs along Atwood + crosses under west of Pard I, Abining in to low spot to south to barely visible from road on private property. May receive water from pand not visible to
$(d, b, a, b, a, b) \rightarrow (A, B, A, B, B,$
Volends-residences the ail, major paved volad, patelles of von-rative annual grasses.
Photos = # 3 and 4.

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment: (08/21/2007			
Site Assessment Biologists	: Hitchcock, Er	in	Camp, Julia	
al.	(Last name)	(first name)	(Last name)	(first name)
Site Location: Plww (County, Ge	Comta	Drainage ne UTM Coordinates	or Lat/Long, or T-R-S	Atwood
			atures, and species locatio	
Proposed project name: Mo Brief description of propose construct a new water pipeli through the Combie Ophir 4 water pipeline will be const water pipeline is 3,500 linea roadways including Vista R gravel road will be construct	ed action: The Nine that will be used to Canal which have the control of 30-incorrections and 1 to 1 t	Nevada Irrigation Desired to convey irrigated as very limited access had diameter pipe. The pipeline will be I Mount Vernon Roa	ation water that curre ess for ditch maintena he approximate total l ocated along private p d. Along the private p	ntly flows nce. The ength of the parcels and
 Is this site within the cur Are there known records If yes, attach a list of all 	of CRF within	1.6 km (1 mi) of th	e site (circle one)? Y	\geq
			RACTERIZATIO	
POND: Size:		_ <u>Ma</u>	aximum depth:	
Vegetation: emerge	nt, overhanging	dominant species:		
Substrate:				
Perennial or Ephemeral (c	circle one). If eph	nemeral, date it goe	s dry:	

STREAM:
Bank full width:
Depth at bank full:
Bank full width: Depth at bank full: Stream gradient: Vegetation + lack of access
Are there pools (circle one)? YES (NO) If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other: <u>run + riffle (likely)</u>
Vegetation: emergent, overhanging, dominant species: <u>Dense black berry</u> <u>South of Atwood</u> + <u>Cattail</u> + <u>aquatic grasses</u> <u>North of Atwood</u> Substrate: <u>Silt Clay</u>
Bank description: Not visible due to vegetation
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry: Spting? No water luring visit.
Other aquatic habitat characteristics, species observations, drawings, or comments: -Water likely flows from pand Not V15/6le
through regetation to the north of Atward.
Other aquatic habitat characteristics, species observations, drawings, or comments: -Water likely flows from pand Not visible - Unough regetation to the north of Atwood Drawage of private property of little visibility from road.
-Uplands = residential development + some non-native annual grasslands + pine-bak woudlands.
photos 5+6

- All field notes and other supporting documents
 Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment: (08/21/2007			
Site Assessment Biologists	: Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Placer (County, Ge	neral location name	eck at Joeger	Lat /Long or T-R-S)	
**ATTACH A N	1.44		•	
Proposed project name: Mo Brief description of propose construct a new water pipel through the Combie Ophir 4 water pipeline will be const water pipeline is 3,500 linear roadways including Vista R gravel road will be construct	ed action: The Nevine that will be use that will be use the Canal which has ructed of 30-inch dar feet. The water poble Drive and Mo	rada Irrigation Distr d to convey irrigation very limited access liameter pipe. The appipeline will be located bunt Vernon Road.	on water that current for ditch maintenant approximate total lead along private p Along the private p	ntly flows nce. The ength of the parcels and
A Section Control of the Control of		Volume Service	an in the angle of the angle o	s • ·
1) Is this site within the cur	rent or historic ran	ge of the CRF (circ	le one) YES N	0
2) Are there known records If yes, attach a list of all				ES NO
		BITAT CHARA		
(if multiple ponds or POND: NA	streams are within the pr	oposed action area, fill ot	it one data sheet for each) -
Size:		Maxir	num depth:	
Vegetation: emerge	ent, overhanging, do	ominant species:		
Substrate:				
Parannial or Enhanced (· · · ·) If only on	somal data it mana de		

STREAM:
Bank full width: <u>10 fee f</u> Depth at bank full: <u>2 fee f</u>
Stream gradient: 1-2 %
Stroum gradient
Are there pools (circle one)? YES NO
If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other: <u>fun</u> and riffle.
Vegetation: emergent, overhanging, dominant species: <u>Himalayon blackberry</u> , aguatic grasses, ad willow. Campy = on the Valley & blue oat t
piny.
Substrate: Medium rock and silty clay Soil.
Bank description: Covered in aguatic grasses and Himaloya
blackberry, only slightly sloped.
- Jany Signery Signery
(Powerwieller Enhanced ()) If when 1
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
Fast flowing water observed on site assessment date.
Uplands = pine - oak woodland + scattered residences
Uplands - pine - oak woodions A Scalls Ca
vasi dences
Located on private property.
Oberes He Zack

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Date of Site Assessment: 03	8/21/2007			
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Placer Co (County, Gen	eral location name, I	ge to Gold JPM Coordinates or	till Canal Lat./Long. or T-R	at Meadow brook [s.s.).
ATTACH A M	[AP (include habitat	types, important featu	res, and species loca	ations)
Proposed project name: Mor Brief description of proposed construct a new water pipelin through the Combie Ophir 4 water pipeline will be construater pipeline is 3,500 linear roadways including Vista Ro gravel road will be construct	I action: The Nevane that will be used Canal which has vucted of 30-inch direct. The water puble Drive and Months.	ada Irrigation Distal to convey irrigativery limited accessiameter pipe. The pipeline will be locunt Vernon Road.	ion water that cur for ditch mainte approximate tota ated along privat Along the privat	rrently flows mance. The al length of the te parcels and e parcels, a
1) Is this site within the curr	ent or historic rang	ge of the CRF (cir	cle one)? YES	NO
2) Are there known records If yes, attach a list of all k				YES NO
	QUATIC HAB			
	treams are within the pro	oposed action area, fill (out one data sheet for (eacn)
POND: Size:		Max	imum depth:	
Vegetation: emerger		ominant species: _		
Substrate:				
Perennial or Ephemeral (ci		eral, date it goes o		

STRE	EAM:	
	Bank full width:	
	Are there pools (circle one)? YES NO If yes, Size of stream pools:	
	Maximum depth of stream pools:	
	Characterize non-pool habitat: run, riffle, glide, other:www.	
	Vegetation: emergent, overhanging, dominant species: Deuse black berry Covering stream banks + channel	
/	Substrate:	
WKronx	Bank description:	
	Bank description.	
Peren	inial or Ephemeral (circle one). If ephemeral, date it goes dry: Shortly after rainy s	lason.
Other	aquatic habitat characteristics, species observations, drawings, or comments:	
Sm	ered in blackberry. No open areas with water erved + mable to see channel or banks to	
COVE	ered in blackberry. No open areas with water	
obs	orned + mable to see channel or banks to	
des	onbe most of characteristics.	
Upla	nds = urban/residential + non-native grasslands. triparianforest.	
.0	n private property-likely unable to survey.	

- 1. All field notes and other supporting documents
- 2. Site photographs3. Maps with important habitat features and species location

Site Assessment reviewed by_

D-4- of Cita Assessments	08/21/2007			
Date of Site Assessment:	08/21/2007			
Site Assessment Biologist	ts: Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Placer (County, 6) **ATTACH A		•	tes or Lat./Long. or T-R-S	
Proposed project name: Mount Vernon Siphon Project Brief description of proposed action: The Nevada Irrigation District (NID) is proposing to construct a new water pipeline that will be used to convey irrigation water that currently flows through the Combie Ophir 4 Canal which has very limited access for ditch maintenance. The water pipeline will be constructed of 30-inch diameter pipe. The approximate total length of the water pipeline is 3,500 linear feet. The water pipeline will be located along private parcels and roadways including Vista Roble Drive and Mount Vernon Road. Along the private parcels, a gravel road will be constructed over the water pipeline for access and maintenance.				
1) Is this site within the co	urrent or historic rar	nge of the CRI	F (circle one)? YES N	IO
2) Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES NO If yes, attach a list of all known CRF records with a map showing all locations.				
GENERAL AQUATIC HABITAT CHARACTERIZATION (if multiple ponds or streams are within the proposed action area, fill out one data sheet for each)				
POND: Size:			Maximum depth:	
Vegetation: emergent, overhanging, dominant species:				
Substrate:			W	
Daronnial or Enhamoral	(internal If onhor	maral data it o	roog dry	

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
- egotation omygent, o commignig, dominant species.
Substrate:
Bank description:
Devenued on Enhanced (1. 1.) If all and 1. 1.
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Seasonal Wetland along both sides of Rd.
Other aquatic habitat characteristics, species observations, drawings, or comments:
Sugar a delanda - como forest
practing operations Vipuriant 1-131
Other aquatic habitat characteristics, species observations, drawings, or comments: Drawage uplands = riparram ferest Choked in cattail, wild grape, + willow. On south side of road - no open water. On vorth side of road - covered aquatre grasses, blackberry, + willow. Some areas with 1-2" water. Water.
On south side at road - no open water.
On north side of road - covered aquatic grasses,
blackberry, + willow. Some areas with 1-2
water coad to
is to be not viewable from 1 was 10
Mostly private land + " Sorvey.
Mostly private land + not viewable from road to Sorvey. Photos 14+15
Photos 14 + 15.

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	datë)	(biologist)	313
Date of Site Assessment: 0	8/21/2007			
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Placer	Cornty (Channel EM Coordinates of	at Moren Lat./Long. or T-R-S).	Ct.
	,		ares, and species locations	
Proposed project name: Mo Brief description of propose construct a new water pipeli through the Combie Ophir 4 water pipeline will be construct water pipeline is 3,500 linear roadways including Vista Ro gravel road will be construct	d action: The Nevane that will be used Canal which has veructed of 30-inch diar feet. The water pioble Drive and Mou	da Irrigation Disto convey irrigatery limited accessameter pipe. The peline will be located to t	ion water that current is for ditch maintenance approximate total lest cated along private par Along the private par	ly flows ce. The ngth of the rcels and
1) Is this site within the cur	rent or historic rang	e of the CRF (cir	rcle one)? (YES) NO	
2) Are there known records If yes, attach a list of all	of CRF within 1.6 known CRF records with	km (1 mi) of the th a map showing al	site (circle one)? YE locations.	s MO
GENERAL A	OUATIC HABI	TAT CHARA	ACTERIZATION	I
			out one data sheet for each)	-
POND: Size:		Max	imum depth:	
Vegetation: emerger	nt, overhanging, dor			
Substrate:				
Perennial or Ephemeral (c				

STREAM: Bank full width: $(-\frac{\partial}{\partial x^2})$ Depth at bank full: $(-\frac{\partial}{\partial x^2})$
Stream gradient: 100
Are there pools (circle one)? YES NO If yes,
Size of stream pools: Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other: + v i ffle
Vegetation: emergent, overhanging, dominant species: A few patelles of cattails + aquatic grasses, in channel.
Substrate: Silf + gravel Bank description: Moderate to steep with upland Species covering them
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
Small fish observed in channel.
This channel feeds into pond 12 and then
flows out it to the north.
Northwest of Moran Ct - channel unviewable due to dense regetation (blackberry mostly). Level to dense regetation (blackberry mostly). Permirder on private land tonly observable from permirder on private land tonly observable from product in short sections Photos 30 + 32 uplands = pasture, non-nature grasslands,
Photos 30 +32 Uplands = paster, veril residence

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Date of Site Assessment: 08/21/2007				
Site Assessment Biologists: Hitchcock, Erin Camp, Julia				
(Last name) (first name) (Last name)	(first name)			
Site Location: Placer Co Mty North Ravine at M (County, General location name, UTM Coordinates or Lat./Long. or T-R-	+ Vernor s).			
ATTACH A MAP (include habitat types, important features, and species loca	tions)			
Proposed project name: Mount Vernon Siphon Project Brief description of proposed action: The Nevada Irrigation District (NID) is prop construct a new water pipeline that will be used to convey irrigation water that cur through the Combie Ophir 4 Canal which has very limited access for ditch mainter water pipeline will be constructed of 30-inch diameter pipe. The approximate tota water pipeline is 3,500 linear feet. The water pipeline will be located along private roadways including Vista Roble Drive and Mount Vernon Road. Along the private gravel road will be constructed over the water pipeline for access and maintenance	rently flows nance. The Il length of the e parcels and parcels, a			
1) Is this site within the current or historic range of the CRF (circle one)? YES	NO >			
2) Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES If yes, attach a list of all known CRF records with a map showing all locations.				
GENERAL AQUATIC HABITAT CHARACTERIZATI (if multiple ponds or streams are within the proposed action area, fill out one data sheet for e	ON each)			
POND: Size: Maximum depth:				
Vegetation: emergent, everhanging, dominant species:				
· · · · · · · · · · · · · · · · · · ·				
Substrate:				

STREAM:
Bank full width: 20'
Depth at bank full: 4'-5' Stream gradient: 21%
Stream gradient.
Are there pools (circle one)? YES (NO) If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species: <u>Overhanging</u> blackberry + emergent aquatic grasses
Substrate: Medium-sized MCK + silty clay
Bank description: Covered in black berry - cannot
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
and an analysis is
only access at room to stage
Dense vegetation along bothsides a room
Only access at road crossing. Dense vegetation along bothsides of road waters it hard to see upstream or downstream
Remainder of drawings on private property.
Uplands - non-nature annual grasslands, + rural residences
Photos 27 + 28

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	date)	(biologis	i)
Date of Site Assessment: 0	8/21/2007			
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Placev (County, Gen	eral location name, U	Do ty JTM Coordinates or	Paulin Lat./Long. or T-I	at Forster R-s).
ATTACH A M	[AP (include habitat	types, important featu	res, and species loo	cations)
Brief description of proposed construct a new water pipelin through the Combie Ophir 4 water pipeline will be constructed water pipeline is 3,500 linear roadways including Vista Rogravel road will be constructed.	ne that will be used Canal which has vucted of 30-inch dir feet. The water puble Drive and Mo	I to convey irrigativery limited access ameter pipe. The ipeline will be locunt Vernon Road.	on water that confor ditch maint approximate to ated along privated Along the privated.	urrently flows enance. The tal length of the ate parcels and te parcels, a
1) Is this site within the curr	rent or historic rang	ge of the CRF (circ	cle one) YES) _{NO}
2) Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES NO If yes, attach a list of all known CRF records with a map showing all locations.				
	QUATIC HAB streams are within the pr			
POND:	areams are wanta me pr	oposcu uciion urcu, jiii c	ar one data shoot jo.	
Size:		Maxi	mum depth:	
Vegetation: emergent, overhanging, dominant species:				
Substrate:				
Perennial or Ephemeral (c				

STREAM:	
Bank full width: 3-4	
Depth at bank full: $\frac{2-3}{}$	
Stream gradient: 1-2%	
Are there pools (circle one)? YES $/NO$	
If yes,	
Size of stream pools:	
Maximum depth of stream pools:	
Characterize non-pool habitat: run, riffle, glide, other:	
Vegetation: emergent, overhanging, dominant species: black berry over he with white alder fig, cotton wood, willow in the general Banks = aquatic grasses	ng i
with white alder fig, cottonwood, willow in the am	n
	Pg
Substrate: Medium-sized ruck + silty clay	•
Bank description: Underest banks with exposed tree	
10015, Banks woderately regetated.	
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:	
Other aquatic habitat characteristics, species observations, drawings, or comments:	
A 1 2 2 2 2 1 2 1 2 1 2 1 2 1 2 2 2 2 2	
Accessed site at the edge of this boundary	
Accessed site at the edge of I-mile boundary as remainder of drainage on private lands.	
uplands = dense riparian forest + rural	
molarle = dense riparian	
residences	
Plunto = 33+34	

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment: 0	8/21/2007			
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Placer County, Gen	unty, Private po neral location name, I	nd South of A UTM Coordinates or	Hwood Road (Lat./Long. or T-R-	(Pond 1)
ATTACH A M	IAP (include habitat	types, important featu	ares, and species loca	tions)
Proposed project name: Mor Brief description of proposed construct a new water pipelin through the Combie Ophir 4 water pipeline will be construct water pipeline is 3,500 linear roadways including Vista Ro gravel road will be construct	d action: The Nevene that will be used Canal which has vucted of 30-inch der feet. The water puble Drive and Moded over the water	ada Irrigation Dist d to convey irrigat very limited access iameter pipe. The pipeline will be loo bunt Vernon Road. pipeline for access	ion water that cur is for ditch mainter approximate total cated along private Along the privates and maintenance	rently flows nance. The al length of the e parcels and e parcels, a
				3
1) Is this site within the curr	rent or historic ran	ge of the CRF (cir	cle one)?(YES)	NO
2) Are there known records If yes, attach a list of all l	of CRF within 1.6 known CRF records w	6 km (1 mi) of the with a map showing all	site (circle one)?	YES NO
GENERAL A (if multiple ponds or s	QUATIC HAB	BITAT CHARA roposed action area, fill	ACTERIZATI out one data sheet for e	ON each)
POND: Size: 450 x 30	0 feet	Max	imum depth: 8	'-10 feet?
Vegetation: emerger blackberry, valgal covering Substrate: Silty	nt, overhanging, do	ominant species: <u>f</u>	ialse loosestrife and, interior i	Caffail, Hima live oak, ono
Perennial or Enhemeral (c)	<i>ircle one</i>) If enhem	neral date it goes o	drv	

STREAM: NA
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
Observed fish, turtles, mallards, and great egret at pond. Pond located in Communical/residutial area, with pared roads, houses, businesses, + a few vacant lots of non-nature annual grasses.
Pond located in community restaurity
paved roads, houses, businesses, + a few vacant
Photos: - Holoala

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Asses	sment reviewed by	(FWS Field Office)	(date)*	(biologist)	
Date of	Site Assessment:	08/21/2007			
Site Ass	essment Biologis	ts: Hitchcock, Erin	ı	Camp, Julia	
		(Last name)	(first name)	(Last name)	(first name)
Site Loc	eation: Placer	Country Pa	nd 2 - No	rth of Shan es or Lat./Long. or T-R-S	leg
	(County, C	General location name	, UTM Coordinat	es or Lat./Long. or T-R-S	S). /
	ATTACH A	MAP (include habita	at types, important	features, and species locat	ions)
constructhrough water piwater piroadway	t a new water pipe the Combie Ophir peline will be con- peline is 3,500 lin s including Vista	eline that will be us 4 Canal which has structed of 30-inch ear feet. The water Roble Drive and M	ed to convey irr very limited ac diameter pipe. pipeline will be fount Vernon Ro	District (NID) is proposigation water that currecess for ditch mainten. The approximate total elocated along private and. Along the private cess and maintenance	rently flows hance. The l length of the e parcels and parcels, a
l) Is thi	s site within the c	urrent or historic ra	nge of the CRF	(circle one)? (YES	NO
		ds of CRF within 1 Ill known CRF records		the site (circle one)? ag all locations.	yes (NO
				RACTERIZATION, fill out one data sheet for ea	
POND:	Size: 300' X	,	· ·		6-8'
- -	Vegetation: emerg	gent, overhanging, owlvgent + Side (between	dominant species	es: <u>Cattails</u> saules. Cotton paules. Cotton pand) obscur	woods grow
,	Substrate: $\leq ($	<u> </u>			
		:			
Perenni	ial)or Ephemeral	(circle one). If ephe	meral, date it go	oes dry:	

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes, Size of stream pools: Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
ford barely visible from road as stand of cottenwoods blocking it. Will not be able to survey from road +
Will not be able to survey from road + located on private property.
Uplands = non-native grasslands + scattered houses + oak woodland

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by
Date of Site Assessment: 08/21/2007
Site Assessment Biologists: Hitchcock, Erin Camp, Julia
Site Location: (Last name) (Girst name) (Last name) (Girst name) (County, General location name, UTM Coordinates or Lat./Long. or T-R-S). + Old Post **ATTACH A MAP (include habitat types, important features, and species locations)**
Proposed project name: Mount Vernon Siphon Project Brief description of proposed action: The Nevada Irrigation District (NID) is proposing to construct a new water pipeline that will be used to convey irrigation water that currently flows through the Combie Ophir 4 Canal which has very limited access for ditch maintenance. The water pipeline will be constructed of 30-inch diameter pipe. The approximate total length of the water pipeline is 3,500 linear feet. The water pipeline will be located along private parcels and roadways including Vista Roble Drive and Mount Vernon Road. Along the private parcels, a gravel road will be constructed over the water pipeline for access and maintenance.
 Is this site within the current or historic range of the CRF (circle one)? YES NO Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES NO If yes, attach a list of all known CRF records with a map showing all locations.
GENERAL AQUATIC HABITAT CHARACTERIZATION (if multiple ponds or streams are within the proposed action area, fill out one data sheet for each) Pond 3 - 25' x 25' Pond 3 - 25' x 25' Pond 4 - 200' x 100' Size: Pond 5 - 300' x 150' Maximum depth: Pond 5 - 10' (estimated) Pond 6 - 8' Vegetation: emergent, overhanging, dominant species: Ponds 3-5 = Cattail aquatic grasses, black berry + willow, Pond 6 - patches of upland grasses, mostlydirt. All ponds covered in algal. Substrate: Likely clay bottom

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Pauls descriptions
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics. *pecies observations, drawings, or comments:
(routs on property.
Chart & Canada grese observed
Great egret
My private property - some parties, but not
Great egret + Canada geese observed. On private property - some partians, but not all of paids usible from road.
Uplands = pasturelands, house + barn, and across road mixed oak-pine woodlands
Photos # 17-20

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed	by (FWS Field Office)	(date)	(biologist)	
Date of Site Assessme	nt: 08/21/2007			
Site Assessment Biolo	gists: Hitchcock, Erin	,	Camp, Julia	
	(Last name)	•	(Last name)	(first name)
Site Location: Place (County)	ty, General location name, U	wds 7+8 TM Coordinates or La	North of at./Long. or T-R-S).	Mt. Ve
ATTACH	A MAP (include habitat	types, important features	s, and species location	s)
Brief description of proconstruct a new water through the Combie O water pipeline will be water pipeline is 3,500 roadways including Vi	e: Mount Vernon Siphon oposed action: The Neva pipeline that will be used phir 4 Canal which has veconstructed of 30-inch dillinear feet. The water pasta Roble Drive and Mount of the water pastructed over the water pastructed	nda Irrigation District to convey irrigation ery limited access for ameter pipe. The ap ipeline will be locate ant Vernon Road. Al	n water that current for ditch maintenant oproximate total le ted along private pat long the private pa	tly flows ce. The ngth of the arcels and
1) Is this site within th	ne current or historic rang	ge of the CRF (circle	one)? (YES) NO)
2) Are there known re If yes, attach a list	cords of CRF within 1.6 of all known CRF records wi	km (1 mi) of the site ith a map showing all loo	e (circle one)? YE cations.	es (NO)
POND: Size: Povol 8 Vegetation: er	AL AQUATIC HAB nds or streams are within the pro - 200' × 100' - 50' × 25' nergent, overhanging, do who be all be black be black be if y clay	oposed action area, fill out Maxim (ominant species:	um depth: 3 -	
Perennial or Enheme	ral (circle one). If ephem	eral, date it goes dry	·•	

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Don't description
Bank description/
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments: 'Uplands = horse pasture barns + rural residential, Also house with ruregard Ponds on private property. Most of ponds visible from road, but not/all.
Photos 23 + 24

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by (FWS Field Office) (date) (biologist)
Date of Site Assessment: 08/21/2007
Site Assessment Biologists: Hitchcock, Erin Camp, Julia
(Last name) (first name) (Last name) (first name)
Site Location: Placer County Prods 9 +10 South of Mt. Verns (County, General location name, UTM Coordinates or Lat./Long. or T-R-S).
ATTACH A MAP (include habitat types, important features, and species locations)
Proposed project name: Mount Vernon Siphon Project Brief description of proposed action: The Nevada Irrigation District (NID) is proposing to construct a new water pipeline that will be used to convey irrigation water that currently flows through the Combie Ophir 4 Canal which has very limited access for ditch maintenance. The water pipeline will be constructed of 30-inch diameter pipe. The approximate total length of the water pipeline is 3,500 linear feet. The water pipeline will be located along private parcels and roadways including Vista Roble Drive and Mount Vernon Road. Along the private parcels, a gravel road will be constructed over the water pipeline for access and maintenance.
1) Is this site within the current or historic range of the CRF (circle one)? YES NO
2) Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES NO If yes, attach a list of all known CRF records with a map showing all locations.
GENERAL AQUATIC HABITAT CHARACTERIZATION (if multiple ponds or streams are within the proposed action area, fill out one data sheet for each)
POND: Size: Pard 9 - 350'×100' Pard 10 - 100'×50' Maximum depth: Pard 9 - 8' Pard 10 - 100'×50' Maximum depth:
Size: Prod 9 - 350'×100' Prod 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8' Pand 10 - 100'x 50' Maximum depth: Pord 9 - 8'
Substrate: Silty Clay?
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes, Size of stream pools:
Maximum depth of stream pools:
Product pools.
Characterize non-pool habitat: run riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Bank description.
Demonstrate Full control () IC along the state of the st
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
O I la II a source to property
tonos ocetea on proceso de la constante de la
Ponds located on private property. Most but not all of pands visible from road.
Uplands = rural residences + barns, non-native
opione de la constante de la c
annual grass Lands + pasture with scattered baks + consters
scattered baks + confers

- All field notes and other supporting documents
 Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by (FWS Field Office) (date) (biologist)
Date of Site Assessment: 08/21/2007
Site Assessment Biologists: Hitchcock, Erin Camp, Julia
(Last name) (first name) (Last name) (first name)
Site Location: Placer County Pord 11 West of Moran C (County, General location name, UTM Coordinates or Lat./Long. or T-R-S).
ATTACH A MAP (include habitat types, important features, and species locations)
Proposed project name: Mount Vernon Siphon Project Brief description of proposed action: The Nevada Irrigation District (NID) is proposing to construct a new water pipeline that will be used to convey irrigation water that currently flows through the Combie Ophir 4 Canal which has very limited access for ditch maintenance. The water pipeline will be constructed of 30-inch diameter pipe. The approximate total length of the water pipeline is 3,500 linear feet. The water pipeline will be located along private parcels and roadways including Vista Roble Drive and Mount Vernon Road. Along the private parcels, a gravel road will be constructed over the water pipeline for access and maintenance.
1) Is this site within the current or historic range of the CRF (circle one)? (YES) NO
2) Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES If yes, attach a list of all known CRF records with a map showing all locations.
GENERAL AQUATIC HABITAT CHARACTERIZATION
Vegetation: emergent, overhanging, dominant species: Surrowded by Maximum depth:
Substrate: Silt, clay?
Perennial or Enhemeral (circle one) If enhemeral, date it goes dry:

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes, Size of stream pools: Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
Stockpord near barn on private rural residential property. (= uplands).
North of Ophin Canal.
North of Ophin Canal. On private property - but can see most of pand from road.

- 1. All field notes and other supporting documents

 - Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment:	08/21/2007			
Site Assessment Biologists	: Hitchcock, Erin		Camp, Julia	
	(Last name)	(first name)	(Last name)	(first name)
Site Location: Places	Cowty	Pond 12	South at	f Moran
• • • • • • • • • • • • • • • • • • • •			tures, and species location	
Proposed project name: Merief description of propose construct a new water pipel through the Combie Ophir water pipeline will be conswater pipeline is 3,500 line roadways including Vista Egravel road will be constructed.	ed action: The New line that will be used 4 Canal which has tructed of 30-inch car feet. The water Roble Drive and Mo	vada Irrigation Discolor to convey irrigation very limited access diameter pipe. The pipeline will be locunt Vernon Road	tion water that curre is for ditch maintena e approximate total le ocated along private posted along the private priva	ently flows ance. The length of the parcels and
1) Is this site within the cu	rrent or historic rat	nge of the CRF (ci	rcle one)?YES N	IO
2) Are there known record If yes, attach a list of al				ES NO
			ACTERIZATIO	
POND: Size:	(150)	Ma (e	ximum depth:	3 ′
Vegetation: emerge	ent, overhanging, d With willo	lominant species:	Cattails +	aquatic eru
Substrate:Sil-	y clay			
Perennial or Ephemeral	circle one). If epher	neral, date it goes	drv:	

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO
If yes, Size of stream pools:
Maximum depth of stream pools:
Waximum deput of stream pools.
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
2 or eminar of Ephremeral (each one). If opinomoral, date it goes dry.
Other aquatic habitat characteristics, species observations, drawings, or comments:
Fed by channel at south end + flows out of pipe into a channel at the north
a side into a channel at the north
or pipe
erd-
on private property. Partions visible from road, but not all of pand.
On private professes.
a but not all of pand.
road , and a
Photo 31 uplands - Oak woodland, rural
Ol 1 31 Uplands - Oak wood lead,
Photo 31 residence, + non-native annual
Photo 31 uplands - Oak about residence, + non-notive annual grass lands Necessary Attachments:

- 1. All field notes and other supporting documents
- 2. Site photographs

3. Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office) (date)	(biologist)
Date of Site Assessment: 08	/21/2007	
Site Assessment Biologists:	Hitchcock, Erin	Camp, Julia
	(Last name) (first name)	(Last name) (first name)
Site Location: Placer (County, Gene	County Pand 13 sc eral location name, UTM Coordinates or L	outh of Coefield Rd at./Long. or T-R-S).
ATTACH A MA	AP (include habitat types, important feature	s, and species locations)
construct a new water pipeling through the Combie Ophir 4 G water pipeline will be constru- water pipeline is 3,500 linear roadways including Vista Rol	action: The Nevada Irrigation District e that will be used to convey irrigation Canal which has very limited access for acted of 30-inch diameter pipe. The application of the water pipeline will be located ble Drive and Mount Vernon Road. And over the water pipeline for access a	or ditch maintenance. The pproximate total length of the led along private parcels and long the private parcels, a
1) Is this site within the curre	ent or historic range of the CRF (circle	e one)? YES NO
2) Are there known records of If yes, attach a list of all known	of CRF within 1.6 km (1 mi) of the sit nown CRF records with a map showing all lo	te (circle one)? YES (NO)
GENERAL AC	QUATIC HABITAT CHARAC reams are within the proposed action area, fill out	CTERIZATION t one data sheet for each)
POND: Size: 50' x 30	Maxim	num depth; 4'
Vegetation: emergent	t, overhanging, dominant species: willow + black be	Cattail + aquatic erry on banks.
Substrate: Silt	+ clay	
Parannial or Enhamaral (cir	cole one) If ephemeral, date it goes dry	v.

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes, Size of stream pools: Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments:
On occupate accepted of long distance from
On private property + long distance from road. Cannot be adequately sorreyed from road.
uplands = non-vative annual grasslands + rural residence
Photo #38

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)
Date of Site Assessment: 0	8/21/2007		
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia
	(Last name)	(first name)	(Last name) (first name)
Site Location: Placev (County, Gen	Cowty, peral location name,	Pard 14 UTM Coordinates	or Lat./Long. or T-R-S).
ATTACH A M	IAP (include habita	t types, important fea	atures, and species locations)
through the Combie Ophir 4 water pipeline will be construent water pipeline is 3,500 linear	ne that will be use Canal which has ructed of 30-inch or r feet. The water oble Drive and Mo	ed to convey irrig very limited acce diameter pipe. The pipeline will be lount Vernon Roa	ation water that currently flows ess for ditch maintenance. The ne approximate total length of the ocated along private parcels and d. Along the private parcels, a
1) Is this site within the curr	rent or historic ran	nge of the CRF (c	rircle one)?(YES) NO
2) Are there known records If yes, attach a list of all	of CRF within 1. known CRF records	6 km (1 mi) of th with a map showing	e site (circle one)? YES NO all locations.
GENERAL A	QUATIC HA	BITAT CHAF	RACTERIZATION
POND: Size: $\frac{150' \times 5}{150' \times 5}$			aximum depth:6
			Cattail + aquatic on woods + oaks
Substrate: Silf (lay		
Perennial or Ephemeral (c	ircle one). If ephe	meral. date it goe	s dry:

STREAM:
Bank full width: Depth at bank full:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO
If yes, Size of stream pools:
Maximum depth of stream pools:
waximum depth of stream pools.
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Perennial of Ephemeral (circle one). If ephemeral, date it goes dry:
Other corretie helpitet about staristics, and size about time during
Other aquatic habitat characteristics, species observations, drawings, or comments: On private property + larg distance from road. Cordnits oney from coal.
Uplands=pastere + rural residences.
Photo 39

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location

Site Assessment reviewed by	(FWS Field Office)	(date)	(biologist)	
Date of Site Assessment: 08/	/21/2007			
Site Assessment Biologists:	Hitchcock, Erin		Camp, Julia	
	` '	(first name)	,	(first name)
Site Location: Placer (County, General	courty 1	Povel 15+1(M Coordinates or I	<u>a Northwest</u> at./Long. or T-R-S).	- of Congwood Rd.
**ATTACH A MA				
Brief description of proposed construct a new water pipeline through the Combie Ophir 4 C water pipeline will be construwater pipeline is 3,500 linear roadways including Vista Robgravel road will be constructed	e that will be used to Canal which has ver cted of 30-inch dian feet. The water pip ole Drive and Moun	o convey irrigation of convey irrigation of the control of the con	on water that current for ditch maintenand approximate total lend ted along private pand along the private pand	ly flows ce. The ngth of the rcels and
1) Is this site within the curre	ent or historic range	of the CRF (circl	le one)? YES NO	
2) Are there known records of If yes, attach a list of all kn	of CRF within 1.6 k nown CRF records with	m (1 mi) of the si	te (circle one)? YE ocations.	s (NO)
POND: Size: Povol 16 - 5	reams are within the proposition of the proposition	osed action area, fill ou Maxir	num depth: Pand	15-8-10"
Perennial or Ephemeral (cir	cle one). If ephemer	ral, date it goes dr	у:	- A

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes,
Size of stream pools: Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Substrate:
Bank description:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments: 2 stock pards on private property. Pand 16 could be surveyed from road, but only portions of 15 are visible.
could be surveyed trem road, but any
portions of 15° are visible.
Uplands = pasture, rural residences, + mixed
Photos 40+42

- 1. All field notes and other supporting documents
- Site photographs
 Maps with important habitat features and species location

Site Assessment reviewed by (FWS Field Office) (date) (biologist)
Date of Site Assessment: 08/21/2007
Site Assessment Biologists: Hitchcock, Erin Camp, Julia
(Last name) (first name) (Last name) (first name)
Site Location: Placer County, Pond 17 Southwest of (County, General location name, UTM Coordinates or Lat./Long. or T-R-S). Long we
(County, General location name, U/TM Coordinates or Lat./Long. or T-R-S).
ATTACH A MAP (include habitat types, important features, and species locations)
Proposed project name: Mount Vernon Siphon Project Brief description of proposed action: The Nevada Irrigation District (NID) is proposing to construct a new water pipeline that will be used to convey irrigation water that currently flows through the Combie Ophir 4 Canal which has very limited access for ditch maintenance. The water pipeline will be constructed of 30-inch diameter pipe. The approximate total length of the water pipeline is 3,500 linear feet. The water pipeline will be located along private parcels and roadways including Vista Roble Drive and Mount Vernon Road. Along the private parcels, a gravel road will be constructed over the water pipeline for access and maintenance.
1) Is this site within the current or historic range of the CRF (circle one)? YES NO
2) Are there known records of CRF within 1.6 km (1 mi) of the site (circle one)? YES If yes, attach a list of all known CRF records with a map showing all locations.
GENERAL AQUATIC HABITAT CHARACTERIZATION (if multiple ponds or streams are within the proposed action area, fill out one data sheet for each)
POND: Size: $250' \times 100'$ Maximum depth: $5'-6'$
Vegetation: emergent, overhanging, dominant species: Algae on surface, cattails, aquatic grasses + black berry at maigin. Scattered line oak on banks.
Substrate: Silty day
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:

STREAM:
Bank full width:
Depth at bank full:
Stream gradient:
Are there pools (circle one)? YES NO If yes,
Size of stream pools:
Maximum depth of stream pools:
Characterize non-pool habitat: run, riffle, glide, other:
Vegetation: emergent, overhanging, dominant species:
Substrate:
Bank description:
Damit dyboription:
Perennial or Ephemeral (circle one). If ephemeral, date it goes dry:
Other aquatic habitat characteristics, species observations, drawings, or comments: Pond at edge of Long word Road on private
Pond at edge of Long wood Road on private property. Poor visibility from road due to height of cattails & black berry.
Uplands = Oak wood land, rural residence, + pasture with corrals
·
Photo 41

- 1. All field notes and other supporting documents
- 2. Site photographs
- 3. Maps with important habitat features and species location